

Form PTO-1449  
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U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. 500.37453CX1  
Serial No. (not yet assigned)  
Applicant: A. DATE, et al  
Filing Date: January 17, 2002  
Group:

jc879 U.S. PRO  
10/046977  
01/17/02

U.S. Patent Documents

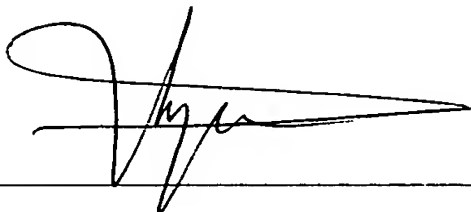
Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
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Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
TTQ	5-144240	6/93	Japan	
TTQ	10-145726	5/98	Japan	
TTQ	11-144378	5/99	Japan	

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

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Date Considered

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Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DKT. NO.  
500.37453CX1SERIAL NO.  
10/046,977INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

APPLICANT

A. DATE, et al.

FILING DATE

January 17, 2002

GROUP

2615

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
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## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation / Abstract	
						Yes	No
AM	2250625	6-10-92	Great Britain				
AN	0379444	7-25-90	Europe				
AO							
AP							
AQ							
AR							
AS							
AT							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
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TTO	5-252495	9/93	Japan (abstract)	_____
TTO	6-139287	5/94	Japan (abstract)	_____
TTO	0 599 466 A1	6/94	European	_____
TTO	0 678 816 A2	10/95	European	_____
TTO	0 802 688 A2	10/97	European	_____

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

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